

REMARKS

By this Amendment, claims 1, 6 and 8-10 are amended, claims 5 and 7 are canceled without prejudice or disclaimer to the subject matter therein, and claim 11 is newly added. Support for the amendments to claims 1, 6 and 8-10 may be found, for example, in the embodiments shown from page 6, line 19 to page 7, line 15 and from page 9, line 24 to page 11, line 27 of the detailed description and in FIGS. 1-4. No new matter is added. After entry of this Amendment, claims 1-4, 6 and 8-11 will remain pending in the patent application. Reconsideration and allowance of the present patent application based on the foregoing amendments and following remarks are respectfully requested.

Claims 1-2, 6 and 8-9 were rejected under 35 U.S.C. §102(b) based on Umezawa *et al.* (U.S. Pat. No. 5,491,507) (hereinafter "Umezawa"). The rejection is respectfully traversed.

Claim 1 is patentable over Umezawa at least because this claim recites an electronic apparatus comprising, *inter alia*, an apparatus body, a display unit including a casing supported on the apparatus body, a display panel located in the casing, a light source located in the casing and configured to illuminate the display panel, and an inverter including a circuit board located in the casing and configured to drive the light source, and an antenna element arranged in the casing and mounted on the circuit board. Umezawa does not disclose, teach or suggest these features.

Umezawa discloses a telephone equipment 1 including a body 2, an antenna 21, a display panel 11, a control circuit board 20 and a main circuit board 17. (*See* FIGS. 1-4 and col. 5, lines 29-67 and col. 6, lines 1-14). However, unlike the invention of claim 1, the antenna 21 of Umezawa is provided outside the body 2 (identified as the "casing" by the Office Action) and is not mounted on the circuit board of the display unit. It is noted that the circuit board 20 and the main circuit board 17 of Umezawa are separate circuit boards. Furthermore, in contrast to claim 1 and as conceded by the Examiner on page 3 of the Office Action, Umezawa does not disclose, teach or suggest an inverter, which has a circuit board located in the casing and drives the light source, much less an antenna mounted on the circuit board of the inverter. Moreover, unlike the invention of claim 1, Umezawa is silent about an apparatus body and a separate casing mounted on the apparatus body. As such, Umezawa does not teach or suggest each and every feature recited by claim 1 and, as a result, cannot anticipate claim 1.

Claim 2 is patentable over Umezawa at least by virtue of its dependency from claim 1 and for the additional features recited therein.

Claim 6 is patentable over Umezawa for at least similar reasons as provided in claim 1 and for the additional features recited therein. Namely, claim 6 is patentable over Umezawa at least because this claim recites an electronic apparatus comprising, *inter alia*, a light source located in the casing and configured to illuminate the display panel, an inverter including a circuit board located in the casing and configured to drive the light source; and a radio communication device which is arranged in the case, connected to the antenna element, and includes an RF portion mounted on the circuit board. As mentioned previously, Umezawa does not disclose, teach or suggest these features. Therefore, Umezawa does not disclose, teach or suggest each and every feature recited by claim 6 and, as a result, cannot anticipate claim 6.

Claim 8 is patentable over Umezawa for at least similar reasons as provided in claim 1 and for the additional features recited therein. Namely, claim 8 is patentable over Umezawa at least because this claim recites an electronic apparatus comprising, *inter alia*, a display unit including a casing supported on the apparatus body, a display panel located in the casing, a light source located in the casing and configured to illuminate the display panel, and an inverter including a circuit board located in the casing and configured to drive the light source; a radio communication device arranged in the casing and mounted on the circuit board, and an antenna element arranged in the casing, which has an insulating substrate, and connected to the radio communication device. As mentioned previously, Umezawa does not disclose, teach or suggest these features. Therefore, Umezawa does not disclose, teach or suggest each and every feature recited by claim 8 and, as a result, cannot anticipate claim 8.

Claim 9 is patentable over Umezawa at least by virtue of its dependency from claim 8 and for the additional features recited therein.

Accordingly, reconsideration and withdrawal of the rejection of claims 1-2, 6 and 8-9 under 35 U.S.C. §102(b) based on Umezawa are respectfully requested.

Claims 3 and 4 were rejected under 35 U.S.C. §103(a) based on Umezawa in view of Chiba *et al.* (U.S. Pub. No. 2002/0193138) (hereinafter "Chiba"). The rejection is respectfully traversed.

Claims 3 and 4 are patentable over Umezawa at least by virtue of their dependency from claim 1 and for the additional features recited therein. Namely, claims 3 and 4 are patentable over Umezawa at least because these claims recite an electronic apparatus comprising, *inter alia*, an apparatus body; a display unit including a casing supported on the

apparatus body, a display panel located in the casing, a light source located in the casing and configured to illuminate the display panel, and an inverter including a circuit board located in the casing and configured to drive the light source; and an antenna element arranged in the casing and mounted on the circuit board.

Chiba fails to remedy the deficiencies of Umezawa. Chiba merely discloses a portable telephone comprising a rear case 10, a front cover 20, a circuit board 30 received in the rear case 10 and front cover 20 and an antenna 40 provided outside the casing. (*See* paragraph [0032] and FIG. 1). However, Chiba is silent about the above mentioned features of claims 3 and 4. Therefore, it is respectfully submitted that any reasonable combination of Umezawa and Chiba cannot result, in any way, in the invention of claims 3 and 4. For at least this reason, Applicant respectfully submits that claims 3 and 4 are patentable over Umezawa, Chiba and a combination thereof.

Accordingly, reconsideration and withdrawal of the rejection of claims 3 and 4 under 35 U.S.C. §103(a) based on Umezawa in view of Chiba are respectfully requested.

Claims 5, 7 and 10 were rejected under 35 U.S.C. §103(a) based on Umezawa in view of Kawachi *et al.* (U.S. Pat. No. 6,220,741) (hereinafter "Kawachi"). The rejection is respectfully traversed.

Claims 5 and 7 are canceled without prejudice or disclaimer, thus rendering moot the rejection of these claims.

Claim 10 is patentable over Umezawa at least by virtue of its dependency from claim 8 and for the additional features recited therein. Namely, claim 10 is patentable over Umezawa at least because this claim recites an electronic apparatus comprising, *inter alia*, a display unit including a casing supported on the apparatus body, a display panel located in the casing, a light source located in the casing and configured to illuminate the display panel, and an inverter including a circuit board located in the casing and configured to drive the light source, a radio communication device arranged in the casing and mounted on the circuit board, and an antenna element arranged in the casing, which has an insulating substrate, and connected to the radio communication device. As mentioned previously, Umezawa does not disclose, teach or suggest these features.

Kawachi fails to remedy the deficiencies of Umezawa. Kawachi merely discloses a flat panel display device that includes a display unit assembled from a display panel 30, a surface light source unit 50, a control circuit board 70, an inverter circuit board 80 and a display housing 22. (*See* col. 3, lines 20-25). However, Kawachi is silent about a radio communication device arranged in the casing and mounted on the circuit board, and an

antenna element arranged in the casing, which has an insulating substrate, and connected to the radio communication device. Therefore, it is respectfully submitted that any reasonable combination of Umezawa and Kawachi cannot result, in any way, in the invention of claim 10. For at least this reason, Applicant respectfully submits that claim 10 is patentable over Umezawa, Kawachi and a combination thereof.

Accordingly, reconsideration and withdrawal of the rejection of claim 10 under 35 U.S.C. §103(a) based on Umezawa in view of Kawachi are respectfully requested.

Claim 11 is newly added and defines additional subject matter that is novel and non-obvious based on the art of record. Claim 11 is patentable over the cited references at least by virtue of its dependency from claim 10 and for the additional features recited therein. As such, it is respectfully submitted that claim 10 is in condition for allowance.

All matters having been addressed and in view of the foregoing, Applicant respectfully requests entry of this Amendment, the Examiner's reconsideration of this application, and the immediate allowance of all pending claims.

Applicant's Counsel remains ready to assist the Examiner in any way to facilitate and expedite the prosecution of this matter.

Please charge any fees associated with the submission of this paper to Deposit Account Number 033975. The Commissioner for Patents is also authorized to credit any over payments to the above-referenced Deposit Account.

Respectfully submitted,

PILLSBURY WINTHROP SHAW PITTMAN LLP



CHRISTOPHE F. LAIR

Reg. No. 54248

Tel. No. 703.905.2097

Fax No. 703.905.2500

JDK/CFL
P.O. Box 10500
McLean, VA 22102
(703) 905-2000